Form 3160-5
(August 1999)

Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

United States
Department of the Interior
Bureau Of Land Management

Form Approved
OMB No. 1004-0135
Expires November 30, 2000

Sundry Notices And Reports on Wells

Do not use this form for proposals to drill or to re-enter an Abandoned well. Use form 3160-3 (APD) for such proposals.

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SUBMIT IN TRIPLICATE – Other Instructions On reverse side

1. Type of Well: ☐ Oil Well ☐ Gas Well ☐ Other	5. Lease Serial No. NMNM0558581
	6. If Indian, Allottee or Tribe Name
	7. If Unit or CA/Agreement, Name and/or No. SCR-284
	8. Well Name and No. Arnold Federal #1
2. Name of Operator Pecos Production Company	9. API Well No. 30-015-2398800S1
3. Address of Operator 400 W Illinois, Ste 1070, Midland, Texas 79701 — 3b. Phone No. *(Include area code)* (432) 620-8480	10. Field and Pool, or Exploratory Area Cedar Lake Strawn
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)* 1980' FNL & 1980' FEL, Sec 34, T17S, R30E	11. County or Parish, State Eddy Co, NM

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

Type Of Submission	Type Of Action			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☑ Recomplete	☐ Other ———
	☐ Change Plans	☐ Plug and Abandon	☑ Temporarily Abandon	Temp Aband Strawn & ~~Attempt to Complete~~ in the Mississippian
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe proposed or completed operations. (clearly state all pertinent details, starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

1. MIRU. Release Model R pkr at 11, 289' & TOOH w/2-3/8" tbg & pkr.
2. TIH w/4 ¾" bit & DC's on 2 3/8" tbg. Tag CIBP at 11,330' & mark tbg. Drill up CIBP's at 11,330' & 11,390'. Push CIBP's to top of Vann gun reported at 11,480'. Trickle ¼ - ½ BPM down tbg while drilling CIBP's. Keep track of measurements to correlate progress with OH log.
3. Attempt to dry-fish CIBP's & Vann gun if not deep enough.
4. TIH w/4 ½" CICR on 2 3/8" tbg. Set at 11,335'. Squeeze Morrow perfs w/300 sxs Class H cement w/FLA. Sting out & reverse out excess cement.
5. Drill out retainer, cement, & if necessary, old CIBP's & top of Vann gun to expose Mississippian interval 11,468'-478'.
6. Perforate Mississippian interval 11,468'-478' w/2 SPF (22-.38" holes).
7. Set WL production packer at 11,450' w/2 3/8" XN nipple below & 2 3/8" X nipple in on-off tool. Profiles should be frac grade. TIH w/2 3/8" tbg, space out & NU tree. Break down perfs w/3% KCl wtr. Swab back load.
8. If necessary acidize w/1000 gal 7 ½% Morrow acid. Use BS's for divert. Swab back load & test.
9. If frac is necessary- pull 2 3/8" tbg. Run 2 7/8" frac tbg. Frac according to design. Set blanking plug in XN profile. LD frac tbg & run 2 3/8" production tbg.
10. Tree up, pull plug & flow back frac.

APPROVED
APR - 9 2004
LES BABYAK
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct Name *(Printed/Typed)* Dora Lara	Title Engr. & Operations Asst
Signature Dora Lara	Date 04/06/04

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title / Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or Certify that the applicant holds legal or equitable title to those rights in the subject lease Which would entitle the applicant to conduct operations thereon.	Office

Accepted for record - NMOCD

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, Make it a crime for any person knowingly and willfully to make to any department or agency of the United State any flase, fictitous or fraudulent statements or representations as to any matter within its jurisdiction.